

Claims

1. Apparatus for blocking a medium flow passage in a spray head, said apparatus comprising a blocking element (1), such as a burst disk, arranged in the passage and, when unbroken, blocking the passage of medium flow from a first side of the blocking element to a second side of the blocking element, on the first side of which blocking element a first pressure (p1) prevails in the passage (2) while on the second side a second pressure (p2) prevails in the passage (3), said blocking element (1) being arranged to be ruptured so that a medium flow passage is formed through the blocking element when the pressure difference between the first and the second sides of the blocking element reaches a preset value, **characterized** in that it comprises a supporting element (4) provided at least on that side of the blocking element where the pressure of the medium is lower at least just before the instant of rupture of the blocking element, which supporting element can be moved between at least two positions, a first position where the supporting element supports the blocking element (1) so that the blocking element cannot be ruptured even if the pressure difference in the passage between the first and the second sides of the blocking element is greater than the preset value, and a second position where the supporting element does not support the blocking element.
2. Apparatus according to claim 1, **characterized** in that the apparatus comprises means (5, 6) for locking the supporting element (4) in the first position.
3. Apparatus according to claim 1 or 2, **characterized** in that the apparatus comprises means (5) for releasing the supporting element (4) from the first position.
4. Apparatus according to any one of claims 1 - 3, **characterized** in that the means for locking and/or releasing the supporting element (4) comprise a heat sensitive element (5).

5. Apparatus according to any one of claims 1 - 4, **characterized** in that the apparatus is arranged in the flow passage of a fire extinguishing medium.
- 5 6. Apparatus according to any one of claims 1 - 5, **characterized** in that the apparatus is arranged in a spray head, especially a sprinkler head.
- 10 7. Apparatus according to any one of claims 1 - 6, **characterized** in that the supporting element (4) is a piston element.
8. Spray head provided with an apparatus according to claim 1.